

Notice of Allowability

Application No.

09/627,262

Applicant(s)

WARNER, ANDREW

Examiner

Hal D Wachsman

Art Unit

2857

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment (5-24-04).
2. ☒ The allowed claim(s) is/are 1-12.
3. ☒ The drawings filed on 24 May 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's ~~Amendment~~ Comments
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Hal D. Wachsman
Hal D Wachsman
Primary Examiner
Art Unit: 2857

EXAMINER'S COMMENTS

1. The following references are cited as being art of additional general interest:
"Ready to rope a remote access deal" (Miller) which discloses spoofing for LAN sessions, "Choose The Right Dial-Up Router For You" (Molta et al.) which disclose the use of spoofing between local and remote networks and "DIGI INT'L ROLLS OUT SERVER-BASED REMOTE ACCESS TO ASIA PAC" which discloses RAS concentrators and adapters.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

Claims 1-3 are allowable over the prior art because the prior art does not disclose or suggest: providing a test bed having a Remote Access Server concentrator, wherein the Remote Access Server concentrator includes means for spoofing operation of a plurality of modems, with software being executed in the test bed to establish a plurality of simultaneous connections between the Remote Access Server concentrator and the bank of modems.

Claims 4-6 are allowable over the prior art because the prior art does not disclose or suggest: providing a test bed having a second of two Remote Access Server concentrators, wherein the second Remote Access Concentrator includes means for spoofing operation of a plurality of modems, with software being

executed in the test bed to establish a plurality of simultaneous connections between the second RAS concentrator and a first RAS concentrator within a communications server under test.

Claim 7 is allowable over the prior art because the prior art does not disclose or suggest: a Public Switched Telephone Network interface in a Remote Access Server concentrator connected to a processor in the Remote Access Server concentrator, wherein the processor includes program code for spoofing individual analog modem connections across the Public Switched Telephone Network interface.

Claims 8 and 9 are allowable over the prior art because the prior art does not disclose or suggest: a Public Switched Telephone Network interface in a Remote Access Server concentrator adapter connected to a processor in the Remote Access Server concentrator adapter, wherein the processor includes program code for spoofing individual analog modem connections across the Public Switched Telephone Network interface.

Claim 10 is allowable over the prior art because the prior art does not disclose or suggest: a Public Switched Telephone Network interface in a Remote Access Server concentrator connected to a signal processor in the Remote Access Server concentrator, wherein the signal processor includes program code for spoofing individual analog modem connections across the Public Switched Telephone Network interface.

Claims 11 and 12 are allowable over the prior art because the prior art does not disclose or suggest: a Remote Access Server concentrator connected to a processor and a communications medium, the Remote Access Server including a signal processor for managing a plurality of modem connections with the signal processor of the Remote Access Server concentrator also including program code for spoofing individual analog modem connections across the communications medium.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hal D Wachsman whose telephone number is 571-272-2225. The examiner can normally be reached on Monday to Friday 7:00 A.M. to 4:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marc Hoff can be reached on 571-272-2216. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2857

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Hal D Wachsman
Primary Examiner
Art Unit 2857

HW
July 14, 2004